Atty. Docket No.: 42390P12481

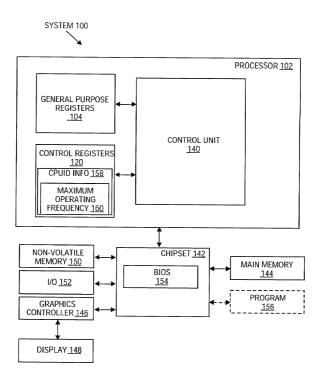
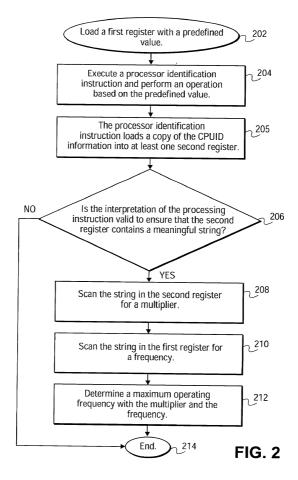


FIG. 1

Title: Apparatus and Method to Identify A Maximum Operating Frequency of a Processor Inventor(s): Bryant E. Bigbee, Shivnandan Kaushik, Frank Binns

Atty. Docket No.: 42390P12481



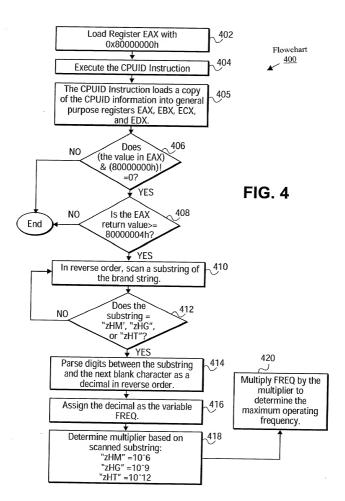
Processor 300

Title: Apparatus and Method to Identify A Maximum Operating Frequency of a Processor
Inventor(s): Bryant E. Bigbee, Shivnandan Kaushik, Frank Binns Atty. Docket No.: 42390P12481 CPUID Instruction 322 Program 320 Microcode for Executing Control Logic 314 Instructions 316 Decoder 312 Control Unit 310 Instruction 318 Microcode for CPUID General Purpose Register ECX 304 General Purpose Register EBX 302 General Purpose Register EAX 303 General Purpose Register EAX 301 General Purpose Register EDI 306 General Purpose Register EBP 307 General Purpose Register ESP 308 General Purpose Register ESI 305

Maximum Operating Control registers 326

Frequency 328

Title: Apparatus and Method to Identify A Maximum Operating Frequency of a Processor Inventor(s): Bryant E. Bigbee, Shivnandan Kaushik, Frank Binns Atty. Docket No.: 4230912481



Title: Apparatus and Method to Identify A Maximum Operating Frequency of a Processor
Inventor(s): Bryant E. Bigbee, Shivnandan Kaushik, Frank Binns
Atty. Docket No.: 4239012481

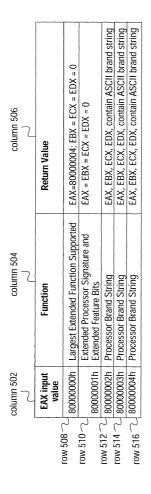


FIG. 5

Title: Apparatus and Method to Identify A Maximum Operating Frequency of a Processor Inventor(s): Bryant E. Bigbee, Shivnandan Kaushik, Frank Binns Atty. Docket No.: 42390P12481

column 606	Return Value	EAX=80000004; EBX = ECX = EDX = 0	EAX = EBX = ECX = EDX = 0	EAX = 0x20202020(" "); EBX = 0x20202020(" ");	ECX = 0x20202020(""); EDX = 0x6E492020("nl")	EAX = 0x286C6574("(let"); EBX = 0x50202952("P)R");	ECX = 0x69746E65("itne"); EDX = 0x52286D75("R(mu")	EAX = 0x20342029(" 4)"); EBX = 0x20555043(" UPC");	ECX = 0x30303431("0041"); $EDX = 0x007a484d("\02HM")$	
column 604	Function	Largest Extended Function Supported	Extended Processor Signature and Extended Feature Bits		Processor Name		Processor Name		Processor Name	
column 602	EAX input value	80000000h	80000001h		80000002h		80000003h		80000004h	
	(003	000 000	row 610 ~	row 612		row 614		row 616 ${\cal L}$		

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